Part I - EFFLUENT LIMITS

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS - DALECARLIA SEDIMENTATION BASINS

During the period beginning with the effective date and lasting through the expiration date of this permit, the permittee is authorized to discharge from Dalecarlia Sedimentation Basins Numbers 1, 2, 3 and 4 through Outfall 002. Subject to the special condition provisions found in Part IIIof this permit, permittee may discharge from Outfall 002.

Discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations Requirements kg/day(lb/day)		Other Limits (Specify)		Monitoring Measurement Sample Frequency Type
	Avg Monthly	Max. Daily	Avg Monthly	Max. Daily	
Flow (mgd)	N/A	N/A	gpd[1]	gpd [1]	Continuous Recorded
Total Suspended Solids	N/A	N/A	30 mg/l	60 mg/l	2x week 24-hr. composite
Aluminum (total)	N/A	N/A	4 mg/l	8 mg/l	2x week 24 hr. composite
Iron (dissolved)	N/A	N/A	N/L [1]	N/L [1]	2x week 24 hr. composite
Chlorine, total residual[2]	N/A	N/A	N/A	N/A	1x day grab
Removal[3]	---------- --		85% (minimum) for TSS		---------- ----------

The pH shall not be less than 6.0 standard units nor greater than 8.5 standard units and shall be monitored once per day by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts

Samples taken in compliance with the monitoring requirements specified above, with the exception of the chlorine samples shall be taken at the location in each of the sedimentation basins where the effluent discharges from that basin. The sampling point for the chlorine samples for Outfall 002 shall be in an access port in the discharge pipe between the Dalecarlia Basins and the point of entry into the Potomac River.

[1] - No limit, only monitoring is required.

[2] - No chlorine shall be discharged in detectable amounts. For the purpose of this permit no detectable amounts is defined as <0.1 mg/L.

[3] - Using a combination of engineering and/or Best Management Practices, the permittee shall increase the amount incoming residual solids removed from the Dalecarlia sedimentation basins to meet the TSS removal effluent limit. This represents a minimum of 85% removal of incoming solids to the sedimentation basins.

B. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS - GEORGETOWN SEDIMENTATION BASINS

During the period beginning with the effective date and lasting through the expiration date of this permit, the permittee is authorized to discharge from the Georgetown Sedimentation Basins through Outfalls 003 and 004. Outfall 004 is the discharge point for effluent and solids from the Georgetown sedimentation basin #1 . Outfall 004 and Outfall 003 are discharge points for effluent and solids from the Georgetown sedimentation basin #2. Subject to the special condition provisions found at Part III. of this permit, permittee may discharge from Outfalls 003 and 004.
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Discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations Requirements kg/day(lb/day)		Other Limits (Specify)		Monitoring Measurements Sample Type
	Avg Monthly	Max. Daily	Avg Monthly	Max. Daily	Frequency
Flow (mgd)	N/A recorded	N/A	gpd[1]	gpd[1]	continuous
Total Suspended Solids	N/A	N/A	30 mg/l	60 mg/l	2x week 24-hr. composite
Aluminum (total)	N/A	N/A	4 mg/l	8 mg/l	2x week 24 hr. composite
Iron (dissolved)	N/A	N/A	N/L [1]	N/L [1]	2x week 24 hr. composite
Removal[2]	---------- 85% (minimum) for TSS ----------				

The pH shall not be less than 6.0 standard units nor greater than 8.5 standard units and shall be monitored once per day by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the location in each of the sedimentation basins where the effluent is discharged from that basin.

[1]- No limit, only monitoring is required.

[2] - Using a combination of engineering and/or Best Management Practices, the permittee shall increase the amount incoming residual solids removed from the Georgetown sedimentation basins to meet the TSS removal effluent limit. This represents a minimum of 85% removal of incoming solids to the sedimentation basins.

C. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS - OTHER DALECARLIA DISCHARGE

During the period beginning with the effective date of this permit and lasting through the expiration date, the permittee is authorized to discharge effluent comprised of leakage and/or discharge from a spring located underneath the Dalecarlia Sedimentation Basins through Outfall 002. Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	kg/day(lb/day) Avg Monthly	Max. Daily	Discharge Limitations All Units (mg/L) Avg Monthly	Max Daily	Monitoring Requirements Measurement Frequency	Sample Type
Flow (mgd)	N/A	N/A	N/A	N/A	1x quarter	estimate
Total Suspended Solids	N/A	N/A	30	60	1x quarter	grab
Total Aluminum	N/A	N/A	4	8	1x quarter	grab
Iron dissolved	N/A	N/A	N/A	N/A	1x quarter	grab
Total Chlorine[(1)]	N/A	N/A	N/A	N/A	1x quarter*	grab

The pH shall not be less than 6.0 standard units nor greater than 8.5 standard units and shall be monitored once per quarter by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

(1) - No Chlorine shall be discharged in detectable amounts. For the purpose of this permit no detectable amounts is defined as <0.1 mg/L.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location for the underdrain. Samples shall be taken from an access port in the discharge pipe between the point at which the basin underdrains tie into a single pipe and the point of entry to the Potomac River.

* In addition to the monitoring requirement of 1x quarter, monitoring will be done at a frequency of 1x day grab whenever pre-chlorination to the Dalecarlia sedimentation basins is occurring.

D. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS - CITY TUNNEL AND GEORGETOWN CONDUIT

During the period beginning with the effective date and lasting through the expiration date of this permit, the permittee is authorized to discharge from Outfall number 006 directly to the Potomac River and from Outfall 007 from the City Tunnel to Rock Creek. Discharge from Outfall 006 is treated water blowoff from the Georgetown Conduit. Discharge from Outfall 007 is treated water blowoff from the City Tunnel.

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations Requirements				Monitoring
kg/day(lb/day)		All Units (mg/L)		Measurement	Sample
Avg Monthly	Max. Daily	Avg Monthly	Max Daily	Frequency	Type
Flow (mgd)	N/A	N/A	N/A	N/A	1x discharge estimate
Total Suspended Solids	N/A	N/A	30	60	1x discharge Grab*
Total Aluminum	N/A	N/A	4	8	1x discharge Grab*
Iron dissolved	N/A	N/A	4	8	1x discharge Grab*
Total Residual Chlorine[(1)]	N/A	N/A	N/A	N/A	1x discharge Grab*

The pH shall not be less than 6.0 standard units nor greater than 8.5 standard units and shall be monitored at the point of discharge.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

[1)] No chlorine shall be discharged in detectable amounts. For the purpose of this permit no detectable amounts is defined as <0.1 mg/L.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: at Outfalls 006 and 007.

* A grab sample shall be taken at the beginning and the midpoint of the above discharges, except for Total Residual Chlorine which shall be sampled at the start of the discharge.